

CONTROL MEASURE GROUP	CONTROL MEASURE	APPL.	KEY	CONTROL MEASURE CHARACTERISTICS	TEMP.	PERMIT.
VEGETATIVE SOIL COVER	TEMPORARY SEEDING	X	TS	PROVIDES QUICK TEMPORARY COVER TO CONTROL EROSION WHEN PERMANENT SEEDING IS NOT DESIRED OR TIME OF YEAR IS INAPPROPRIATE.	X	
	PERMANENT SEEDING	X	PS	PROVIDES PERMANENT VEGETATIVE COVER TO CONTROL EROSION, FILTERS SEDIMENT FROM WATER. MAY BE PART OF FINAL LANDSCAPE PLAN.	X	
	DORMANT SEEDING	X	DS	SAME AS PERMANENT SEEDING EXCEPT IS DONE DURING DORMANT SEASON. HIGHER RATES OF SEED APPLICATION ARE REQUIRED.	X	
	SODDING	X	SO	QUICK PERMANENT COVER TO CONTROL EROSION. QUICK WAY TO ESTABLISH VEGETATION FILTER STRIP. CAN BE USED ON STEEP SLOPES OR IN DRAINAGEWAYS WHERE SEEDING MAY BE DIFFICULT.	X	
	PLANTS, TREES, & SHRUBS	X	GC	PROVIDES GROUND COVER, SHRUBS AND TREES IN ADDITION TO PERMANENT VEGETATION. MAY BE USED AS PART OF A FINAL LANDSCAPE PLAN ALONG WITH SHRUBS AND TREES.	X	
NON VEGETATIVE SOIL COVER	MULCHING	X	M	ADDED INSURANCE OF A SUCCESSFUL TEMPORARY OR PERMANENT SEEDING. CONTROLS UNWANTED VEGETATION AND PRESERVES MOISTURE. PROVIDES COVER WHERE VEGETATION CANNOT BE ESTABLISHED.	X	
	EROSION CONTROL BLANKET	X	EB	PROTECTS AND PRESERVES MOISTURE FOR PERMANENT SEEDING ON STEEP SLOPES, AREAS OF PERIODIC CONCENTRATED RUNOFF (DITCHES) OR IN AREAS THAT MAY BE DAMAGED BY PEDESTRIAN TRAFFIC.	X	
	AGGREGATE COVER	X	AG	PROVIDES SOIL COVER ON ROADS AND PARKING LOTS AND AREAS WHERE VEGETATION CANNOT BE ESTABLISHED. PREVENTS MUD FROM BEING PICKED UP AND TRANSPORTED OFF-SITE.	X	
	PAVING	X	P	PROVIDES PERMANENT COVER ON PARKING LOTS AND ROADS OR OTHER AREAS WHERE VEGETATION CANNOT BE ESTABLISHED.	X	
DIVERSIONS	RIDGE DIVERSION		RD	TYPICALLY USED ABOVE SLOPES. USED WHERE AN EXCESS OF SOIL IS AVAILABLE.		
	CHANNEL DIVERSION		CD	TYPICALLY USED AT TOP OR BASE OF SLOPES. USED WHEN EXCESS SOIL IS NOT AVAILABLE.		
	COMBINATION DIVERSION		DC	TYPICALLY USED ANYWHERE ON A SLOPE. SOIL TAKEN OUT OF CHANNEL IS USED TO BUILD THE RIDGE.		
	CURB AND GUTTER	X	CG	SPECIAL CASE OF DIVERSION USED IN CONJUNCTION WITH A STREET TO DIVERT WATER FROM AN AREA NEEDING PROTECTION.	X	
	BENCHES		B	SPECIAL CASE OF DIVERSION CONSTRUCTED WHEN WORKING ON CUT SLOPES TO SHORTEN LENGTH OF SLOPE AND ADD SLOPE STABILITY.		
WATERWAYS	BARE CHANNEL		BC	PROVIDES MEANS OF CONVEYING RUNOFF TO DESIRED LOCATION. MAY BE USED TO DRAIN DEPRESSIONAL AREAS. ONLY APPLICABLE WHEN VELOCITY OF FLOW IS VERY LOW.		
	STRUCTURAL STREAMBANK STABILIZATION		SSS	PROTECTS STREAMBANKS FROM EROSION FORCE OF FLOWING WATER.		
	VEGETATIVE CHANNEL		VC	PROVIDED ADDED STABILITY TO CHANNEL. USED WHEN VELOCITY OF FLOW IS NOT EXTREMELY FAST.		
	VEGETATIVE STREAMBANK STABILIZATION		VS	PROTECTS STREAMBANKS FROM EROSION FORCE OF FLOWING WATER AND PROVIDES NATURAL, PLEASING APPEARANCE.		
	LINED CHANNEL		LC	USED WHEN VEGETATION WILL NOT PROTECT THE CHANNEL AGAINST HIGH VELOCITIES OF FLOW OR WHERE VEGETATION CANNOT BE ESTABLISHED.		
	DITCH CHECKS		SDC	USED IN DITCHES TO RETARD THE VELOCITY OF WATER IN A DITCH TO MINIMIZE SOIL EROSION PRIOR TO THE DITCH BEING VEGETATED.		
ENCLOSED DRAINAGE	STORM SEWER	X	ST	CAN BE USED TO CONVEY SEDIMENT LADEN WATER TO SEDIMENT BASIN OR IN CONJUNCTION WITH A WATERWAY.	X	
	UNDERDRAIN		UD	USED TO LOWER WATER TABLE AND INTERCEPT GROUNDWATER FOR BETTER VEGETATION GROWTH AND SLOPE STABILITY. USED TO CARRY BASE FLOW IN WATERWAYS AND TO DEWATER SEDIMENT BASINS.		
SPILLWAYS	STRAIGHT PIPE SPILLWAY		SS	USED FOR RELATIVELY SMALL VERTICAL DROPS AND SMALL FLOWS OF WATER.		
	DROP INLET SPILLWAY		DIS	SAME AS PIPE SPILLWAY EXCEPT LARGER FLOWS AND LARGE VERTICAL DROPS CAN BE ACCOMMODATED.		
	WEIR SPILLWAY		W	USED FOR RELATIVELY SMALL VERTICAL DROPS AND FLOWS MUCH GREATER THAN PIPE STRUCTURES.		
	BOX INLET WEIR SPILLWAY		BS	SAME AS WEIR SPILLWAY EXCEPT LARGER FLOWS CAN BE ACCOMMODATED BECAUSE OF LOWER WEIR LENGTH.		
OUTLETS	LINED APRON		LA	PROTECTS DOWNSTREAM CHANNEL FROM HIGH VELOCITY OF FLOW DISCHARGING FROM STRUCTURES.		
SEDIMENT BASINS	EMBANKMENT SEDIMENT BASIN		ES	USED WHERE TOPOGRAPHY LENDS ITSELF TO CONSTRUCTING A DAM AND EARTH FILL IS AVAILABLE.		
	EXCAVATED SEDIMENT BASIN		XS	USED WHERE EMBANKMENT COULD CAUSE A HAZARD DOWNSTREAM IN CASE OF FAILURE AND WHEN EXCESS EARTH FILL IS NOT AVAILABLE.		
	COMBINATION SEDIMENT BASIN		CS	USED WHEN TOPOGRAPHY IS SUITABLE BUT ADDITIONAL CAPACITY IS NEEDED.		

CONTROL MEASURE GROUP	CONTROL MEASURE	APPL.	KEY	CONTROL MEASURE CHARACTERISTICS	TEMP.	PERMIT.
SEDIMENT FILTERS	BARRIER FILTER	X	BF	USED TO FILTER SEDIMENT FROM RUNOFF.	X	
	VEGETATIVE FILTER		VF	USED ALONG DRAINAGEWAYS OR PROPERTY LINES TO FILTER SEDIMENT FROM RUNOFF. SIZE MUST BE INCREASED IN PROPORTION TO DRAINAGE AREA.		
	FILTER FABRIC		FF	USED FOR ROADWAY CURB INLETS.		
	SILT FENCE	X	SF	USED ALONG DRAINAGE WAYS OR PROPERTY LINES TO FILTER SEDIMENT FROM RUNOFF.	X	
MUD AND DUST CONTROL	STABILIZED CONST. ENTRANCE	X	SE	PREVENTS MUD FROM BEING PICKED UP AND CARRIED OFF-SITE.	X	
	DUST AND TRAFFIC CONTROL	X	DT	PREVENTS DUST FROM LEAVING CONSTRUCTION SITE.	X	

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLIANCE WITH ALL GENERAL AND SPECIAL REQUIREMENTS, CONDITIONS, AND PROVISIONS OR ALL APPLICABLE LOCAL, STATE, AND FEDERAL PERMITS ISSUED FOR THIS PROJECT.

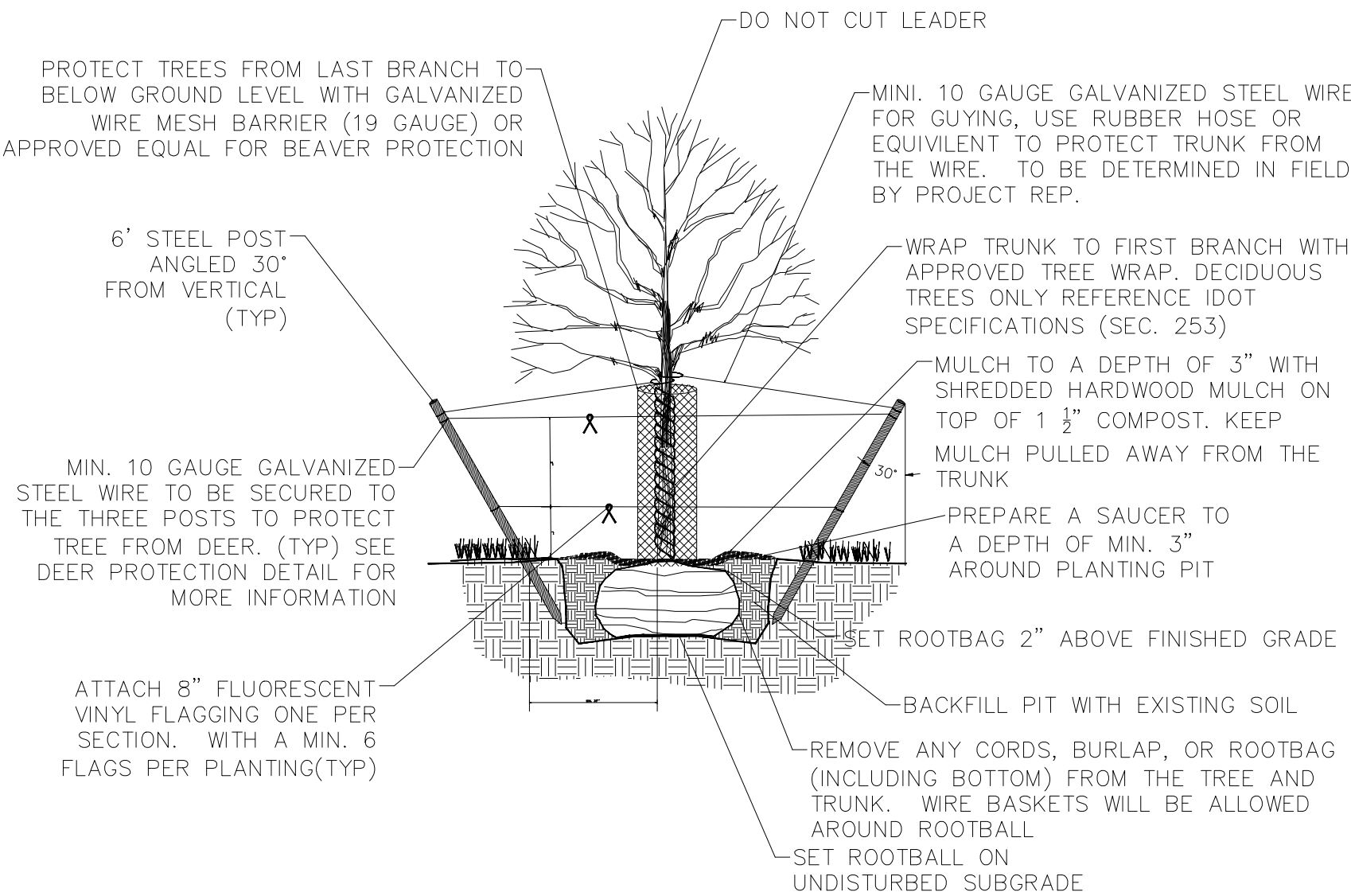
WILLS BURKE KELSEY ASSOCIATES, LTD. IS NOT RESPONSIBLE FOR IMPLEMENTATION OF THE STORMWATER POLLUTION PREVENTION PLAN, INCLUDING MAINTENANCE AND/OR REPAIR OF SOIL EROSION AND SEDIMENT CONTROL MEASURES, OR FOR COMPLIANCE OF THE CONTRACTORS (AND SUB-CONTRACTORS) WITH THE GENERAL NPDES PERMIT FOR STORM WATER DISCHARGES FROM CONSTRUCTION SITE ACTIVITIES.

INSPECTION AND MAINTENANCE TABLE

ACTIVITY	RESPONSIBLE PARTY	DURATION
MAINTENANCE OF STABILIZATION DURING CONSTRUCTION		DURING CONSTRUCTION AS NEEDED
OBSERVATION OF STABILIZATION DURING CONSTRUCTION		WEEKLY AND W/IN 24 HRS AFTER RAINFALL EVENT OF 0.5" OR GREATER
VEGETATION MAINTENANCE		1 YEAR FROM COMPLETION
VEGETATION AND STABILIZATION MAINTENANCE		ONGOING FROM PROJECT COMPLETION

WILDLIFE PROTECTION NOTES:

TREE PLANTING NOTES:



TREE PLANTING DETAIL
N.T.S.

CONTRACTOR CERTIFICATION

CONTRACTOR CERTIFICATION

"I CERTIFY UNDER PENALTY OF LAW THAT I UNDERSTAND THE TERMS AND CONDITIONS OF THE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT (ILR10) THAT AUTHORIZES THE STORM WATER DISCHARGES ASSOCIATED WITH INDUSTRIAL ACTIVITY FROM THE CONSTRUCTION SITE IDENTIFIED AS PART OF THIS CERTIFICATION"

GENERAL CONTRACTOR

SIGNATURE TITLE DATE

COMPANY

SUB-CONTRACTOR

SIGNATURE TITLE DATE

COMPANY

WITNESSED BY OWNER

SIGNATURE TITLE DATE

COMPANY

SOIL PROTECTION SCHEDULE

STABILIZATION TYPE	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
PERMANENT SEEDING			+B			*	*		→			
DORMANT SEEDING	+C		→								+C	→
TEMPORARY SEEDING	+A		→								+A	→
SALT TOLERANT SOD			+D**					→				
MULCHING	+E											→

A. IDOT CLASS 7 TEMPORARY TURF COVER MIXTURE.

B. SEEDING, CLASS 4 (MODIFIED) WET PRAIRIE; SEEDING, CLASS 5 (MODIFIED) WET PRAIRIE; SEEDING, CLASS 4 (MODIFIED) WET-MESIC PRAIRIE; SEEDING, CLASS 5 (MODIFIED) WET-MESIC PRAIRIE; SEE SHEET SP3 FOR SEEDING MIXES AND RATES.

C. SEEDING, CLASS 4 (MODIFIED) WET PRAIRIE; SEEDING, CLASS 5 (MODIFIED) WET PRAIRIE; SEEDING, CLASS 4 (MODIFIED) WET-MESIC PRAIRIE; SEEDING, CLASS 5 (MODIFIED) WET-MESIC PRAIRIE; INCREASE SEEDING RATES BY 25% WHEN DORMANT SEEDING.

D. SALT TOLERANT SOD.

E. STRAW MULCH, 2 TON/ACRE

* IRRIGATION NEEDED, DURING THE MONTHS OF JUNE AND JULY.

** IRRIGATION NEEDED FOR 2-3 WEEKS AFTER APPLYING SOD.

TITLE : WEST PARKING LOT ADDITION - PHASE II

STORM WATER POLLUTION PREVENTION PLAN

JCL NDP JCL DSGN. DWN. CHKD. SCALE : N/A SP-10004-5.dgn

NO. DATE NATURE OF REVISION

ELGIN COMMUNITY COLLEGE 1700 SPARTAN DRIVE ELGIN, ILLINOIS 847-697-1000

WILLS BURKE KELSEY ASSOCIATES LTD. 116 West Main Street, Suite 201 St. Charles, Illinois 60174 (630) 443-7755



PROJECT NO. 10-0004

DATE : 04-10-2010

SHEET 15 OF 18

DRAWING NO.

SP6